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MAR 17 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bangolae *et al*

Appl. No.: 09/924,722

Filed: August 09, 2001

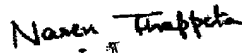
For: Reducing Overhead When Using Loopback Cells for  
Fault Detection in Bi-Directional Virtual Circuits

Art Unit: 2663

Examiner: Christine Ng

Atty. Docket: CSCO-009/4342

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark  
Office (USPTO) (Fax No. (703) 872-9306) on March 16,  
2005.



(Signature)

By: Narendra R. Thappeta (Type Name)

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the above-referenced U. S. patent application, transmitted herewith are  
the following papers:

- [x] This Cover Letter (2 Pages in duplicate);
- [x] Amendment and Response Under 37 C.F.R. §§ 1.111 (16 Pages); and
- [x] Credit Card Authorization Payment Form (1 page) for \$200.00 to cover the fee for the 04  
newly added dependent claims.

Page 1 of 2

Attorney Docket No.: CSCO-009/4342

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The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication or any future or past communication associated with the subject matter to Deposit Account No.: 20-0674. If any extensions of time are required to prevent abandonment of the present application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to Deposit Account No.: 20-0674. A duplicate copy of this authorization is enclosed

Respectfully submitted,

*Naren Thappeta*

Date: March 17, 2005

By: \_\_\_\_\_  
Narendra Reddy Thappeta  
Registration No. 41,416

Law Firm of Naren Thappeta  
Phone/Fax: + 1 (707) 356-4172

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Cells for Fault Detection in Bi-Directional  
Virtual Circuitss

Atty. Docket: CSCO-009/4342

**Amendment and Response Under 37 C.F.R. §§ 1.111**Honorable Commissioner for Patents  
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action dated March 08, 2005 and further to the telephone interview of March 16, 2005, Applicant submits the following amendments and remarks. Applicants and the undersigned representative first thank the Examiner for the opportunity to conduct the telephone interview.

**Amendments to the claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks** begin at page number 10 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No.: 20-0674.

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